

DRILL HOLES

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BORDER REV. DATE: June 1, 2004

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of existing Traffic Control Signals with existing street lighting at the US 50(BU) (Salisbury Pkwy) and Lake Street in Wicomico County. Opticom pre empton shall be installed at this intersection. US 50(BU) (Salisbury Pkwy) is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- The intersection shall continue to operate in a NEMA five phase, fully-actuated mode, with the US 50(BU) (Salisbury Pkwy) approaches running concurrently. The Exclusive/Permissive left turn phase shall continue to be provided for eastbound approach of US 50(BU) (Salisbury Pkwy). The Lake Street approaches shall also continue to operate concurrently. Pre empton shall be installed for the Lake Street southbound approach.
- There is an existing Opticom Discriminator module in existing pole mounted cabinet.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7652 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

The contact persons for District #1 are as follows:

Mr. Gene Cofield
Assistant District Engineer - Traffic
Phone: (410) 677-4040

Mr. Jimmy Wright
Assistant District Engineer - Maintenance
Phone: (410) 543-6715

Mr. Bruce Poole
Assistant District Engineer - Utility
Phone: (410) 677-4082

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Chief, Traffic Signal Operations
410-787-7652

Mr. Sonny Bailey
Chief Sign Shop
410-787-7676

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
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THERE IS NO EQUIPMENT TO BE SUPPLIED BY THE SHA.

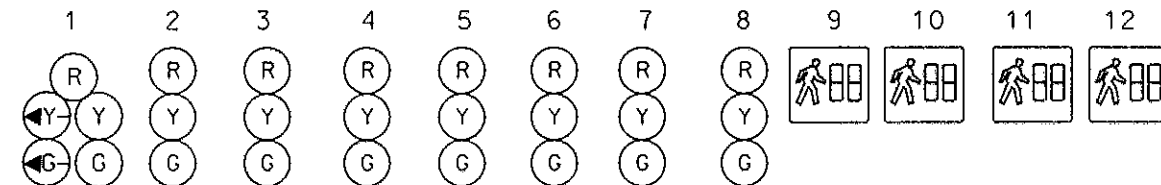
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8001	12" LED signal head section.	26 EA
8023	4 conductor opticom cable	180 L.F.
8049	Opticom #721 detector eye	1 EA

C. EQUIPMENT TO BE REMOVED

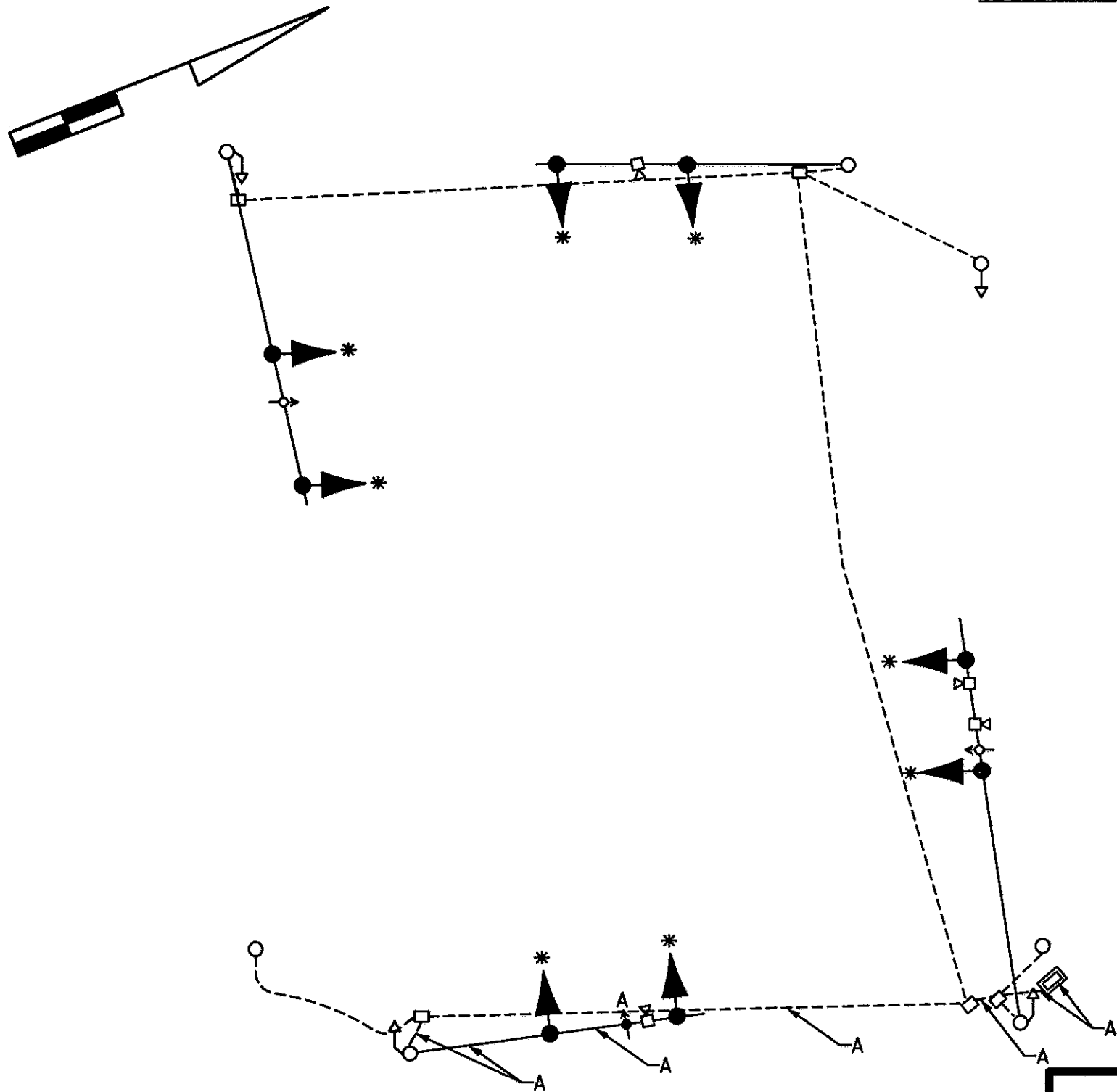
Any signal equipment removed by the Contractor shall become property of the Contractor.

PHASE CHART



PHASE 1 & 6	←G-/G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
1 & 6 CHANGE	←Y-/G	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
PHASE 2 & 6	G	G	G	G	R	R	R	R	R	DW	DW	DW	DW	↓
2 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	↓
PHASE 4 & 8	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	↓
4 & 8 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	↓
PHASE 4 & 8 ALT	R	R	R	R	G	G	G	G	G	WK	WK	WK	WK	↓
PED CLEAR/COUNTDOWN	R	R	R	R	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW	↓
4 & 8 ALT CHANGE	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	↓
PRE EMPT 1	G	R	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 1 CHANGE	Y	R	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 2	G	G	G	G	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 2 CHANGE	Y	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 3	G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 3 CHANGE	Y	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
PRE EMPT 4	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	↓
PRE EMPT 4 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	↓
TRACK CLEARANCE	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	↓

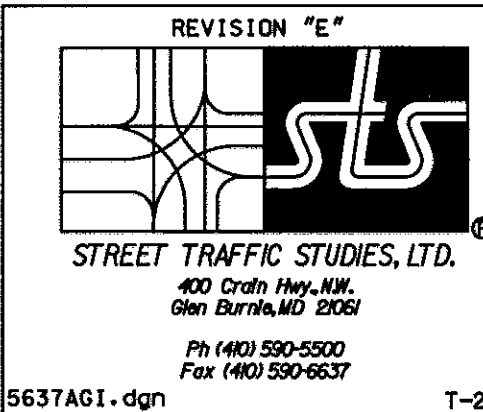
WIRING DIAGRAM



WIRING KEY
A - 4-CONDUCTOR OPTICOM CABLE
* - USE EXISTING WIRING

TOD NO:XX448-23
SHA NO:WI431A52/B52/CS2
US 13 @ISABELLA/US
50@LAKE AV

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
US 50 BUSINESS (SALISBURY PKWY) AND LAKE STREET SALISBURY, MARYLAND	
GENERAL INFORMATION SHEET	
SCALE NONE	DATE 12/05/08 CONTRACT NO. XX4485185
DESIGNED BY James Allen Jr.	COUNTY WICOMICO
DRAWN BY James Allen Jr.	LOGMILE 22005015.44
CHECKED BY J. Allen	TIMS NO. J349
F.A.P. NO.	TOD NO.
TS NO. 1964E	DRAWING NO. 2 OF 2 SHEET NO. OF



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PLOTTED: 08/04/2008
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